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CLAIMS

1. A DC driver circuit coupled to a tip/ring line, said DC driver circuit comprising:

a first capacitor coupled to a first switch, said first switch coupled to an amplification circuit, said amplification circuit being coupled to said tip/ring line;

an RC circuit coupled to a second switch, said second switch coupled to said amplification circuit;

said first switch being closed and said second switch being closed during a make state to cause said amplification circuit to draw current from said tip/ring line;

said first switch being open and said second switch being open during a break state to prevent said amplification circuit from drawing current from said tip/ring line.

- 2. The DC driver circuit of claim 1 further comprising a third switch having a first terminal coupled to a voltage source and a second terminal coupled to said first capacitor, said third switch being closed during said break state to precharge said first capacitor.
- 3. The DC driver circuit of claim 1 wherein said RC circuit comprises a second capacitor, said second capacitor having a first terminal coupled to said amplification circuit and a second terminal coupled to ground.
- 4. The DC driver circuit of claim 3 wherein said first capacitor is greater than said second capacitor.



- 5. The DC driver circuit of claim 1 wherein said RC circuit comprises a resistor, said resistor having a first terminal coupled to said amplification circuit and a second terminal coupled to ground.
- 5 6. The DC driver circuit of claim 1 wherein said amplification circuit comprises an op amp coupled to a first transistor.
 - 7. The DC driver circuit of claim 1 wherein said amplification circuit comprises an op amp coupled to a first transistor, said first transistor being coupled to a second transistor.
 - 8. The DC driver circuit of claim 6 wherein said first transistor is coupled to said tip/ring line, wherein said first transistor is caused to draw current from said tip/ring line in said make state, and wherein said first transistor is prevented from drawing current from said tip/ring line in said break state.
 - 9. The DC driver circuit of claim 7 wherein said first and second transistors are coupled to said tip/ring line, wherein said first and second transistors are caused to draw current from said tip/ring line in said make state, and wherein said first and second transistors are prevented from drawing current from said tip/ring line in said break state.
 - 10. The DC driver circuit of claim 1 wherein said tip/ring line is coupled to a modem.

11. A circuit for reducing a peak voltage at a selected line, said circuit comprising:

at least one transistor driving said selected line;

said at least one transistor being driven by a first capacitor when said circuit is in a make state;

said at least one transistor being driven by an RC circuit when said circuit is in a break state;

said RC circuit reducing said peak voltage at said selected line when said circuit transitions from said make state to said break state.

- 12. The circuit of claim 11 wherein said selected line is a tip/ring line.
- 13. The circuit of claim 11 wherein said at least one transistor is driven by an op amp.
- 14. The circuit of claim 13 wherein said op amp is driven by said first capacitor when said circuit is in said make state.
- 15. The circuit of claim 11 wherein a first switch causes said at least one transistor to be driven by said first capacitor when said circuit is in said make state.



- 16. The circuit of claim 15 wherein a second switch causes said at least one transistor to be driven by said RC circuit when said circuit is in said break state.
- 17. The circuit of claim 13 wherein said RC circuit comprises a second capacitor, said second capacitor having a first terminal coupled to said op amp and a second terminal coupled to ground.
 - 18. The circuit of claim 17 wherein said first capacitor is greater than said second capacitor.
 - 19. The circuit of claim 16 further comprising a third switch having a first terminal coupled to a voltage source and a second terminal coupled to said first capacitor, said third switch being closed during said break state to precharge said first capacitor.
 - 20. The circuit of claim 13 wherein said RC circuit comprises a resistor, said resistor having a first terminal coupled to said op amp and a second terminal coupled to ground.
 - 21. The circuit of claim 12 wherein said tip/ring line is coupled to a modem.